

CRF Errors Corrected by the STIC Systems Branch

O/PE #7
7/24/2002

Serial Number: 10/056,959B

ENTERED

CRF Processing Date: 7/24/2002
Edited by: [Signature]
Verified by: [Signature] (STIC sta)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line. 0590
- ☐ Edited a format error in the Current Application Data section, specifically: 0717
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/036,959B

DATE: 07/24/2002
TIME: 19:26:06

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\07242002\J036959B.raw

3 <110> APPLICANT: E.I. du Pont de Nemours & Company
4 Hallahan, David L.
5 Keiper-Hrynko, Natalie
7 <120> TITLE OF INVENTION: Genes Involved in the Biosynthesis of Isopentenyl
Diphosphate in Hevea
8 brasiliensis Latex
10 <130> FILE REFERENCE: CL-1792
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/036,959B
13 <141> CURRENT FILING DATE: 2002-05-10
15 <150> PRIOR APPLICATION NUMBER: 60/307,637
16 <151> PRIOR FILING DATE: 2001-07-25
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83 gttacttcac tcctcgacaa gtataatatt gatcctaaac aaatcggtcg tctggaagtt      240
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87 gagaaattcg gaaacactga cattgaaggc gttgactcaa caaatgcatg ttatgggggg      360
89 actgcagctt tattcaactg tgtcaattgg gttgagagca gttcatggga tggacgctat      420
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93 ggagctgcag ccattgcgat tttagtaggt ccagatgcac ctattgcttt tgaaagcaaa      540
95 tttaggggga gccatatgtc tcatgcttat gatttttaca agcccaacct ggctagttaa      600
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119 acaagcaagg attgcagcct cttggcttct ggaacatact atctcacaga agttgacagc      1320
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166 agattcagct gcagcactgg cgatgcaatg gggatgaaca tggtttctaa aggggttcaa      1140
168 aacgttcttg aatttcttca aagtgatttt tctgatattg atgtcattgg catctcagga      1200
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176 ttgggtggat ttaatgcca tgcaggcaac atcgtatctg caatctttat tgccactggc 1380
178 caggatccag cacagaatgt tgagagttct cattgcatta ccatgatgga agctgtcaat 1440
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256 cctattttacg atgaaatcaa acctgatagt tgggcatggg catggactga tgtgaaatta 180
258 acatctcccc aactagcaag ggaaagcttg tacaaattgt cactgaaaaa tttagctctt 240
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/036,959B

DATE: 07/24/2002
TIME: 19:26:06

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\07242002\J036959B.raw

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306 <211> LENGTH: 1245
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308 <213> ORGANISM: Hevea brasiliensis
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355 <211> LENGTH: 696
356 <212> TYPE: DNA

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RAW SEQUENCE LISTING

DATE: 07/24/2002

PATENT APPLICATION: US/10/036,959B

TIME: 19:26:06

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357 <213> ORGANISM: Hevea brasiliensis

359 <400> SEQUENCE: 7

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387 <212> TYPE: PRT

388 <213> ORGANISM: Hevea brasiliensis

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397      20      25      30
400 Phe Ser Ala Thr Lys Leu Gly Ser Ile Ala Ile Gln Ala Ala Leu Lys
401      35      40      45
404 Arg Ala Asn Val Asp Pro Ser Leu Val Gln Glu Val Phe Phe Gly Asn
405      50      55      60
408 Val Leu Ser Ala Asn Leu Gly Gln Ala Pro Ala Arg Gln Ala Ala Leu
409 65      70      75      80
412 Gly Ala Gly Ile Pro Asn Ser Val Ile Cys Thr Thr Ile Asn Lys Val
413      85      90      95
416 Cys Ala Ser Gly Met Lys Ala Thr Met Leu Ala Ala Leu Thr Ile Gln
417      100     105     110
420 Val Gly Ile Asn Asp Ile Val Val Ala Gly Gly Met Glu Ser Met Ser
421      115     120     125
424 Asn Ala Pro Lys Tyr Leu Ala Glu Ala Arg Arg Gly Ser Arg Leu Gly
425      130     135     140
428 His Asp Thr Ile Ile Asp Gly Met Leu Lys Asp Gly Leu Trp Asp Val
429 145     150     155     160
432 Tyr Asn Asp Phe Gly Met Gly Val Cys Ala Glu Ile Cys Ala Asp Gln
433      165     170     175
436 His Asn Ile Thr Arg Glu Glu Lys Asp Ser Tyr Ala Ile Arg Ser Phe
437      180     185     190
440 Glu Arg Gly Asn Ser Ala Gln Asn Gly Gly Val Phe Ser Trp Glu Ile
441      195     200     205
444 Val Pro Val Glu Val Ser Gly Gly Arg Gly Lys Ser Val Met Val Val
445      210     215     220
448 Asp Lys Asp Glu Gly Leu Ile Lys Phe Asp Ala Ala Lys Leu Arg Lys
449 225     230     235     240

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/036,959B

DATE: 07/24/2002

TIME: 19:26:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\07242002\J036959B.raw

L:12 M:270 C: Current Application Number differs, Wrong Format



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,959B

DATE: 07/23/2002

TIME: 15:58:25

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07232002\J036959B.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: E.I. du Pont de Nemours & Company
 4 Hallahan, David L.
 5 Keiper-Hrynko, Natalie
 7 <120> TITLE OF INVENTION: Genes Involved in the Biosynthesis of Isopentenyl
 Diphosphate in Hevea
 8 brasiliensis Latex
 10 <130> FILE REFERENCE: CL-1792
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/036,959B
 C--> 13 <141> CURRENT FILING DATE: 2002-07-02
 15 <150> PRIOR APPLICATION NUMBER: 60/307,637
 16 <151> PRIOR FILING DATE: 2001-07-25
 18 <160> NUMBER OF SEQ ID NOS: 16
 20 <170> SOFTWARE: Microsoft Office 97

ERRORED SEQUENCES

1202 <210> SEQ ID NO: 16
 1203 <211> LENGTH: 25
 1204 <212> TYPE: DNA
 1205 <213> ORGANISM: Artificial Sequence
 1207 <220> FEATURE:
 1208 <223> OTHER INFORMATION: Primer
 1210 <400> SEQUENCE: 16
 1211 gcaatgtaac atcagagatt ttgag
 E--> 1214 3
 E--> 1216 20

25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/036,959B

DATE: 07/23/2002

TIME: 15:58:26

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07232002\J036959B.raw

L:12 M:270 C: Current Application Number differs, Wrong Format
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1214 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=16